TY098

P.65/69

WHAT IS CLAIMED IS:

- 1. An oriented syndiotactic polystyrene-based film, comprising a film consisting of a styrene-based polymer having a syndiotactic structure, and a laminated adhesiveness-improving
 layer on at least one side of said film, wherein said layer
 comprises one or more of the following resins (A)-(H):
- (A) a water-dispersible polymer made by copolymerizing a monomer having an aromatic ring on its side chain with an acrylic monomer;
- (B) a water-dispersible copolymerized polyester having a glass transition temperature of 30°C or less, and/or a water-dispersible copolymerized polyester satisfying the following (1):
- (1) a ratio of B / (A + B) is 0.07 to 0.25, wherein A and B are the integrated values at chemical shifts of 1.0 ppm to 6.0 ppm and 7.0 ppm to 9.0 ppm, respectively, in 1 H NMR:
- (C) a water-soluble and/or a water-dispersible polyurethane resin:
- (D) a water-soluble and/or a water-dispersible polyamide resin:
 - (E) a water-dispersible polyacrylonitrile resin;
- (F) a water-dispersible ethylene-vinyl ester copolymer resin;
 - (G) a water-dispersible modified polyolefinic resin; and
 - (H) a copolymer resin having an isobutylene unit, a maleic

TY098

acid unit, and a n-butyl acrylate unit.

- 2. The oriented syndiotzctic polystyrene-based film of claim 1, wherein (A) said water-dispersible polymer made by copolymerizing a monomer having an aromatic ring on its side chain with an acrylic monomer consists of a water-dispersible copolymer comprising a styrene monomer component and an acrylic monomer component as a major component, and the weight ratio of said styrene monomer component in said polymer is 0.15 to 0.85.
- 3. The oriented syndiotactic polystyrene-based film of any of claims 1 and 2, having a laminate strength of 50 gf/15 mm or higher.
- 4. The oriented syndiotactic polystyrene-based film of any of claims 1 and 2, having a waterproof laminate strength of 50 gf/15 mm or higher.
- 5. The oriented syndiotactic polystyrene-based film of any of claims 1, 2, 3 and 4, wherein said adhesiveness-improving layer comprises a polymer comprising a polystyrene sulfonate salt as a major component.
- 6. The oriented syndiotactic polystyrene-based film of claim 5, wherein said coated layer has a surface resistance value at

820YT

25°C and 60 RH% of 1 x $10^{12} \Omega/\Box$ or less.

- 7. The oriented syndiotactic polystyrene-based film of any of claims 1, 2, 3, 4, 5 and 6, wherein a slipperiness-improving layer containing particles and/or waxes is formed on the other side of said adhesiveness-improving layer.
- 8. The oriented syndiotactic polystyrene-based film of claim 7, wherein said slipperiness-improving layer consists of a composition comprising (a) a copolymerized polyester resin, (b) a compound having a sulfonate group, (c) particles having an average particle size of 1.0 to 5.0 μ m, and (d) a polymeric wax.
- 9. The oriented syndiotactic polystyrene-based film of any of claims 1-8, wherein said adhesiveness-improving layer and/or slipperiness-improving layer is formed on an unstretched film or a uniaxially oriented film consisting of a styrene-based polymer having a syndiotactic structure, and then stretching said film once or more in the uniaxial or biaxial direction, and thereafter subjecting said film to heat treatment.
- 10. The oriented syndiotactic polystyrene-based film of any of claims 1-9, Wherein said oriented syndiotactic polystyrene-based film comprises 3 to 30 parts by Weight of at least one

TY098

thermoplastic elastomer selected from a styrene-butadienestyrene block copolymer (SBS), a styrene-isoprene-styrene block copolymer (SIS), and/or a hydrogenated compound thereof (SEBS and SEPS) on the basis of 100 parts by weight of the syndiotactic polystyrene-based polymer.

11. The oriented syndiotactic polystyrene-based film of claim 10, having a tensile impact strength of 0.65 1/mm2 or higher, and a laminate strength of 50 gf/15mm or higher.